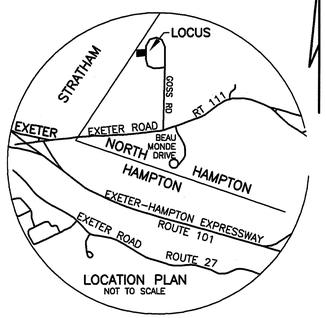
LOCUS MAP

NOT TO SCALE



LOCATION PLAN
NOT TO SCALE

SOIL CLASS: 447 – SCITUATE–NEWFIELDS

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 FOUND RR SPK 2.1'UP EL 100.00

#2 SET NAIL 12" PINE EL 88.71

#3 SET NAIL 14" OAK EL 81.67

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 93.0
2. THERE IS/ARE APPROX 0 FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

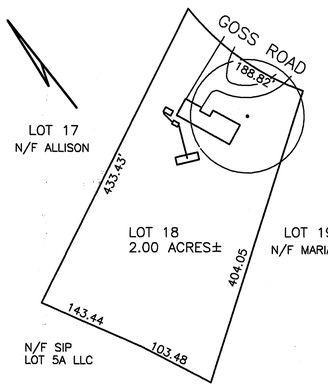
50 / (50) — EXISTING CONTOUR
PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

   RCRD PLAN D16404

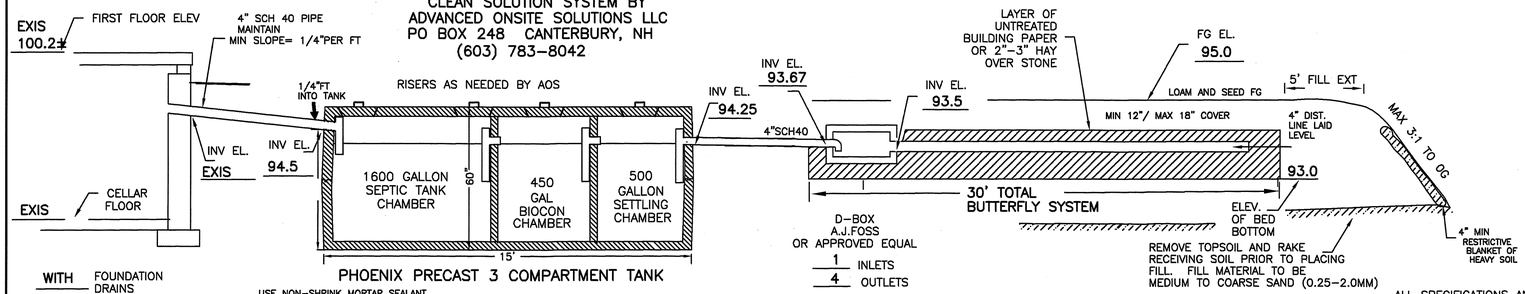
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 23476 PREVIOUS CONSTRUCTION APPROVAL #188686 (1991)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
   NO HYDRIC A OR B SOILS WITHIN 75' OF SYSTEM.



PLOT PLAN

SCALE: 1"=APPROX 100'

CLEAN SOLUTION SYSTEM BY
ADVANCED ONSITE SOLUTIONS LLC
PO BOX 248 CANTERBURY, NH
(603) 783–8042

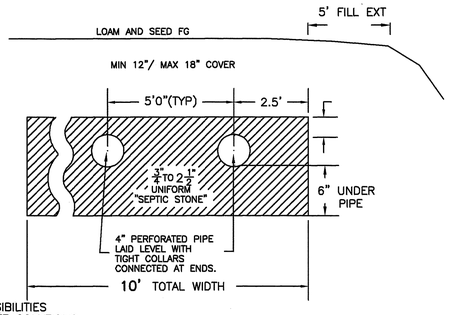

EXIS 100.2±
FIRST FLOOR ELEV
4" SCH 40 PIPE MAINTAIN MIN SLOPE= 1/4"PER FT
1/4"FT INTO TANK
RISERS AS NEEDED BY AOS
INV EL. 94.5
EXIS
CELLAR FLOOR
1600 GALLON SEPTIC TANK CHAMBER
60"
450 GAL BIOCON CHAMBER
500 GALLON SETTLING CHAMBER
15'
INV EL. 94.25
INV EL. 93.67
4"SCH40
INV EL. 93.5
LAYER OF UNTREATED BUILDING PAPER OR 2"–3" HAY OVER STONE
FG EL. 95.0
LOAM AND SEED FG
5' FILL EXT
MIN 12"/ MAX 18" COVER
4" DIST. LINE LAID LEVEL
93.0
MAX 3:1 TO OG
30' TOTAL BUTTERFLY SYSTEM
ELEV. OF BED BOTTOM
D–BOX A.J.FOSS OR APPROVED EQUAL
1 INLETS
4 OUTLETS
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM TO COARSE SAND (0.25–2.0MM)
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL

WITH FOUNDATION DRAINS

VERIFY EXISTING DRAIN LOCATION. RELOCATE AS NEEDED TO MAINTAIN PIPE MIN 25' FROM L.F. OUTFALL MIN 35' FROM L.F.

PHOENIX PRECAST 3 COMPARTMENT TANK

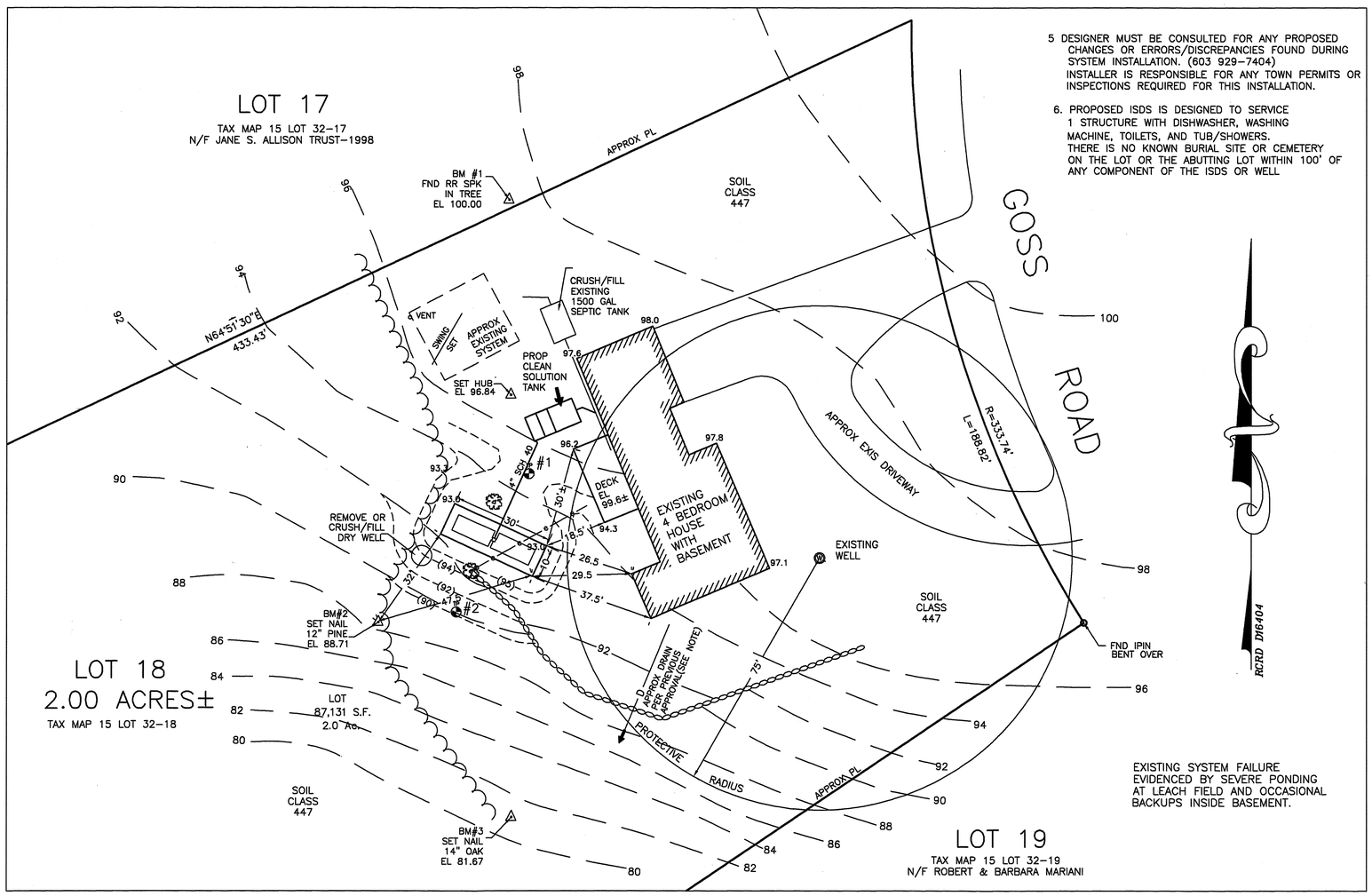
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL


5' FILL EXT
LOAM AND SEED FG
MIN 12"/ MAX 18" COVER
5'0"(TYP)
2.5'
3/4" TO 2 1/2" UNIFORM "SEPTIC STONE"
6" UNDER PIPE
4" PERFORATED PIPE LAID LEVEL WITH TIGHT COLLARS CONNECTED AT ENDS.
10' TOTAL WIDTH

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN THE ADVANCED ONSITE SOLUTIONS CONTRACT ARE A PART OF THIS DESIGN. MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL

EXISTING SYSTEM FAILURE EVIDENCED BY SEVERE PONDING AT LEACH FIELD AND OCCASIONAL BACKUPS INSIDE BASEMENT.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS — MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: NOVEMBER 10, 2005

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEV 94.8

0 –3" LOAM AND ROOT MAT (TO BE REMOVED)
3 –18" OLD FILL, 2.5Y5/4 FINE SANDY LOAM, MASSIVE FIRM (TO BE REMOVED)
18–36" 10YR5/6 FINE SANDY LOAM, GRANULAR FRIABLE
36–84" 2.5Y5/4 FINE SANDY LOAM, MASSIVE FRIABLE PLATY, FIRM BELOW 6'

ESHWT @ 36", ROOTS TO 40"+, NO OBS H2O, NO REFUSAL

TEST PIT #2 ELEV 90.0

0 –6" LOAM AND ROOT MAT (TO BE REMOVED)
6 –24" 10YR5/4 FINE SANDY LOAM, GRANULAR FRIABLE
24–84" 2.5Y5/3 FINE SANDYLOAM, MASSIVE FIRM PLATY BELOW 5'

ESHWT @ 24", NO OBS H2O, NO REFUSAL, ROOTS TO 48"±

PT PERC TEST DATA

DATE: N/A

PERC RATE: ESTIMATED 10 MIN/IN @ DEPTH: 24"

DESIGN LOADING: EXISTING 4 BEDROOM HOUSE

AREA REQUIRED: 100–150 SF DISPERSAL FIELD REQUIRED PER AOS SPECS

AREA PROPOSED: 10'X30' = 300 SF DISPERSAL FIELD PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

PREVIOUS CONSTRUCTION APPROVAL #188686
EXISTING FAILED SYSTEM

LOCUS: 22 GOSS ROAD
NORTH HAMPTON, NH
TAX MAP 15 LOT 32–18

OWNER: JAMES & MARGARET JUBB
22 GOSS ROAD
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: 06/07/13

APPROVAL: CA20131134l8
6/18/13